

204270-1542500T

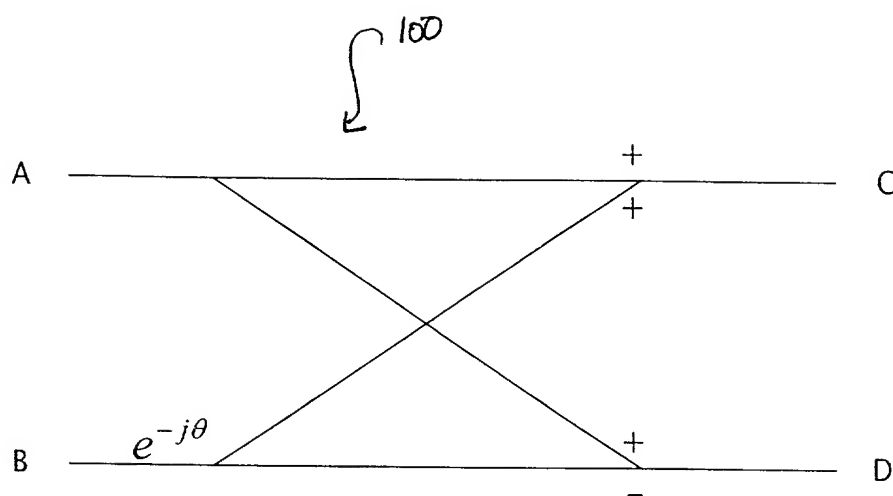


Figure 1
(PRIOR ART)

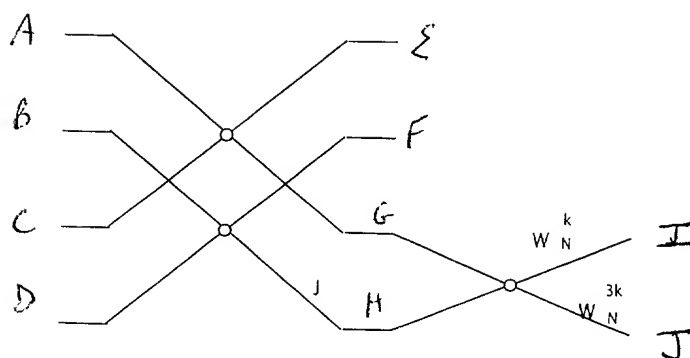
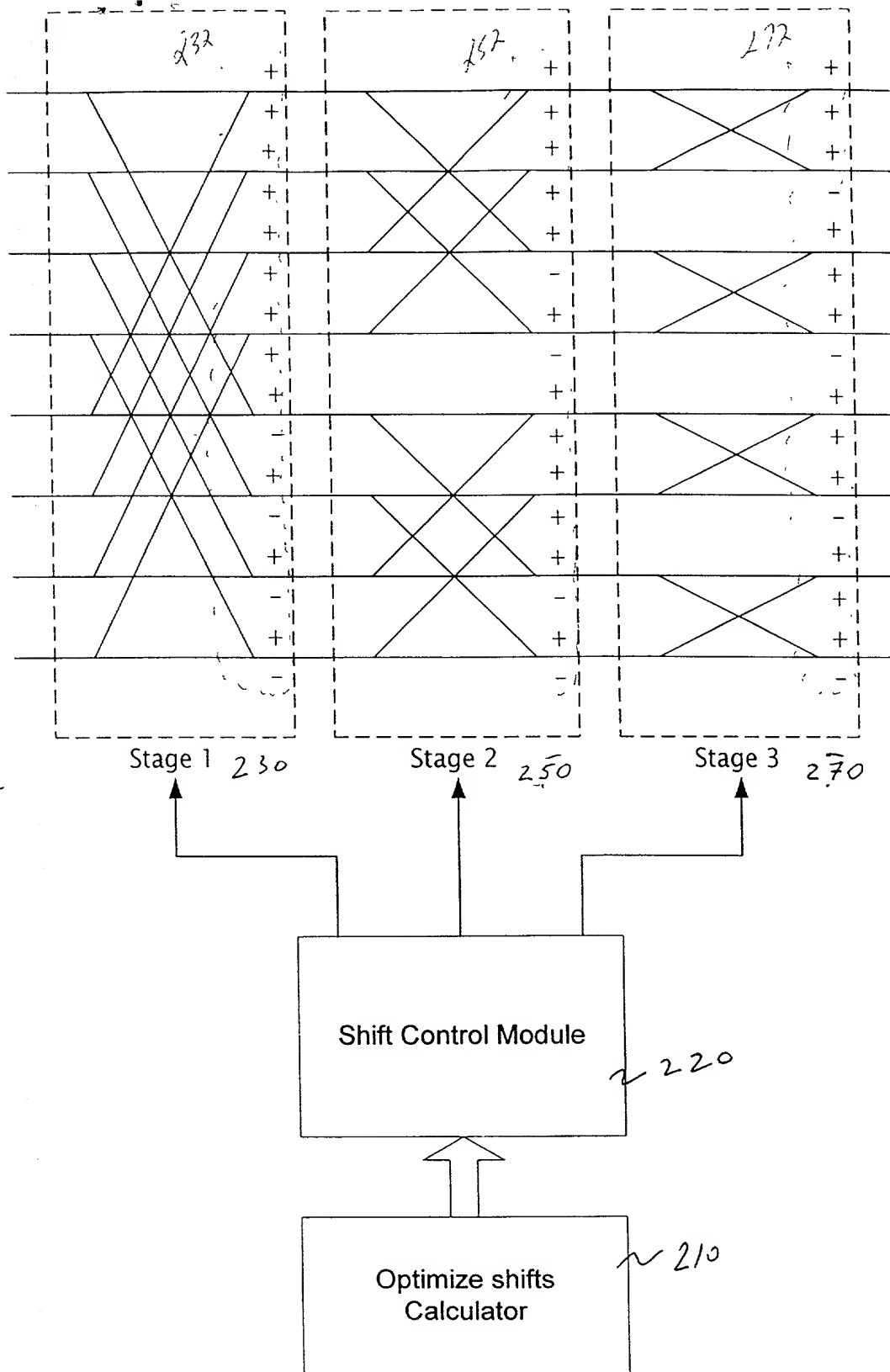


Figure 4 – Basic split radix butterfly

(PRIOR ART)

204270-TS-2500T

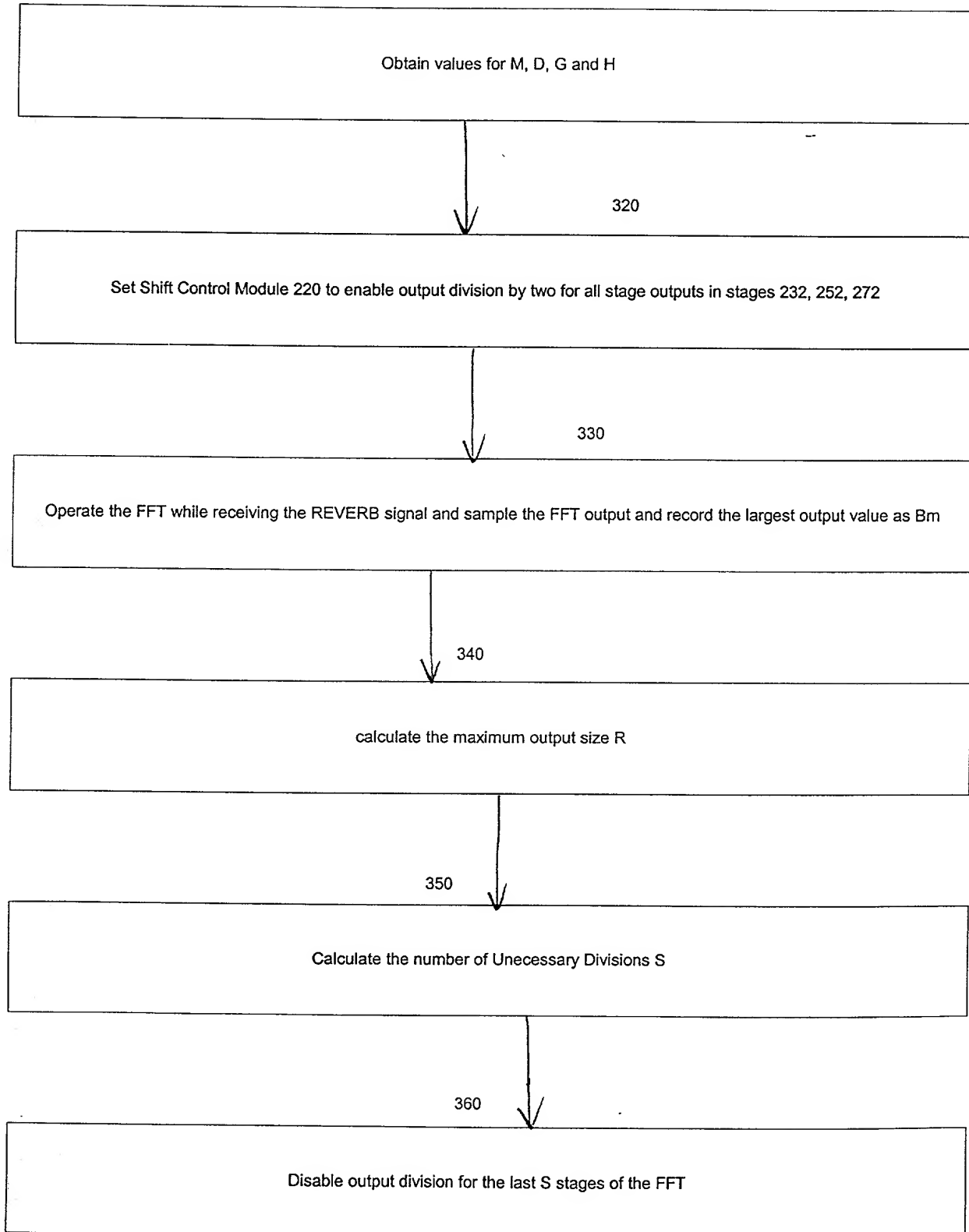


Shift Control Module
Utilizes One Control at a Time
Serial Stages (Stage 1, then Stage2)

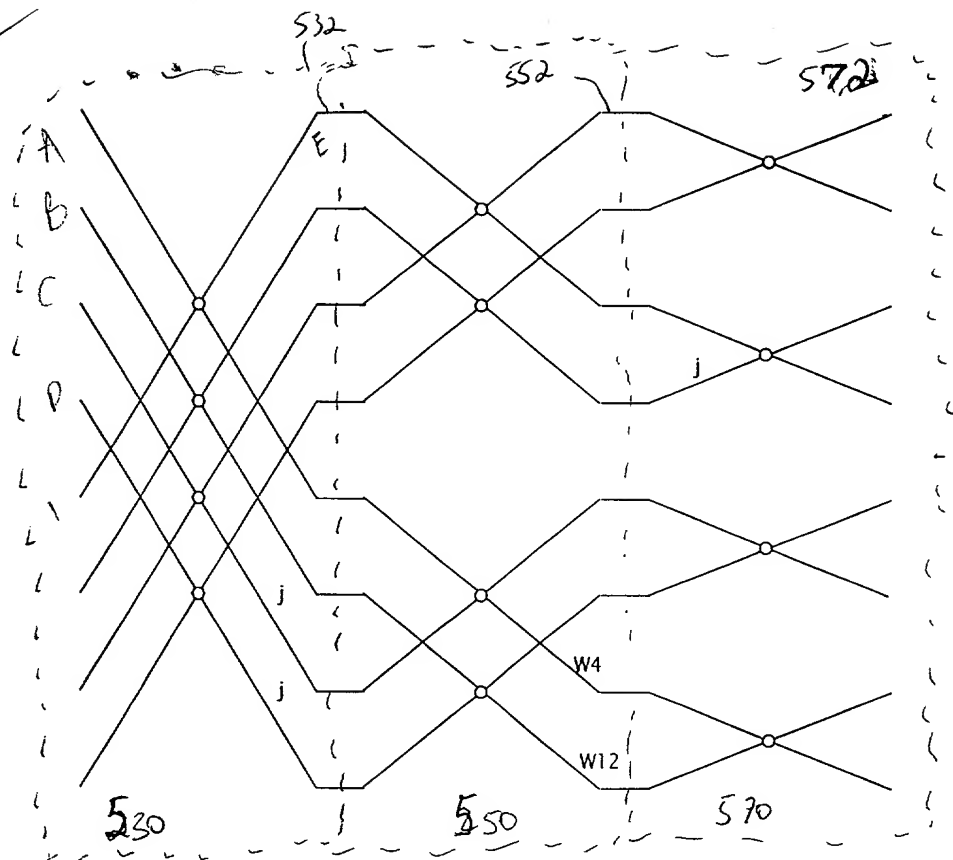
Fig. 2

FIGURE 3

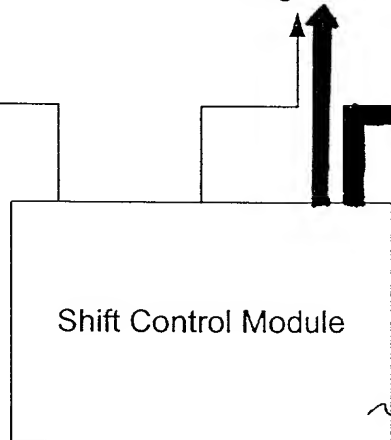
310



1005751.01402



Stage 1 Stage 2 Stage 3



○ Addition
 W Multiplication

Shift Control Module
 Utilizes Two Controls at a Time

Concurrent Stages
 (Stage1+Stage2, then Stage2+Stage3)

Arrow width
 differentiates the stage controls

Figure 5 - Split Radix implementation of 8 point FFT

Figure 6

